Abstract

A method, computerized system and Graphical User Interface for creating storing, manipulating and visually depicting heterogeneous multimedia data items, as well as for depicting, identifying, defining and analyzing the relationships between data items. In the preferred embodiment, the data items are clustered into classification data clusters, Master Facets, which may also be interconnected and the relationships for which may also be defined, analyzed and graphically depicted. The nature of the relationships between data items may be any kind of Boolean, logical or even illogical connection or association that is unique to the user.

The contents of the data items may be viewed while the links and relationships of these items to other items may be explored, analyzed and/or created. The icons representing different types of attributes allow for a quick assignment of a particular attribute to an item or relationship by a simple "drag and drop" technique.

The expert-system software component of the invention analyzes the existing relationships between data items and assists in creating and defining new relationships between data items based on the data acquired from the analysis of the existing (defined) relationships.